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AMENDMENTS TO THE CLAIMS

Please amend the claims as shown below.

1-10 (Cancelled)

11. (Currently Amended) An adhesive system mounting a tire pressure sensor on a wheel of a vehicle, the adhesive system comprising:

an adhesion surface disposed on said tire pressure sensor, said adhesion surface disposed in contact with ~~contacting~~ a surface of the wheel of the vehicle ~~when the tire pressure sensor is disposed on the wheel of the vehicle~~, said adhesion surface comprising a first region and a second region;

a first adhesive located on said first region of said adhesion surface, said first adhesive having a short cure time and retaining the tire pressure sensor on the surface of the wheel during an assembly operation involving the wheel; and

a second adhesive located on said second region of said adhesion surface, said second adhesive having a long cure time~~, said second adhesive~~ and retaining the tire pressure sensor on the surface of the wheel during operation of the vehicle when the tire pressure sensor is disposed on the wheel of the vehicle.

12. (Original) The adhesive system of claim 11, wherein said first region of said adhesion surface comprises the outer perimeter of said adhesive surface.

13. (Original) The adhesive system of claim 12, wherein said second region of said adhesive surface comprises the inner region of said adhesive surface.

14. (Original) The adhesive system of claim 11, wherein the cure time of said first adhesive is less than about 10 seconds.

15. (Original) The adhesive system of claim 11, wherein the cure time of said second adhesive is less than about 12 hours.

16 and 17 (Cancelled)

18. (Original) The adhesive system of claim 11, further comprising a removable backing located on top of said adhesive surface, said first adhesive, and said second adhesive.

19 and 20 (Cancelled)

21. (Previously Presented) An adhesive system mounting a tire pressure sensor to a wheel of a vehicle, the adhesive system comprising:

a first adhesive disposed on a first region of an adhesion surface of the tire pressure sensor,
the adhesion surface chosen on the tire pressure sensor as the point where adhesion between the tire pressure sensor and the wheel is to occur,
the first adhesive having a relatively short cure time and adhering the adhesion surface of the tire pressure sensor to the surface of the wheel during an assembly operation involving the wheel; and

a second adhesive disposed on a second region of the adhesion surface of the tire pressure monitor,
the second adhesive having a relatively long cure time,
the second adhesive adhering the tire pressure sensor to the surface of the wheel indefinitely at typical operational speeds of the vehicle when the tire pressure sensor is adhered on the wheel of the vehicle.

22. (New) A tire pressure sensor comprising:

a housing, said housing comprising:

an adhesion surface, said adhesion surface contacting a surface of a wheel of a vehicle when the tire pressure sensor is disposed on the wheel of the vehicle, said adhesion surface comprising a first region and a second region;

a first adhesive disposed in said first region of said adhesion surface, said first adhesive having a short cure time and retaining the tire pressure sensor on the surface of the wheel during an assembly operation involving the wheel; and

a second adhesive disposed in said second region of said adhesion surface, said second adhesive having a long cure time and retaining the tire pressure sensor on the surface of the wheel during operation of the vehicle.

23. (New) The tire pressure sensor of claim 22, wherein said first region of said adhesion surface comprises an outer perimeter of said adhesive surface.

24. (New) The tire pressure sensor of claim 23, wherein said second region of said adhesive surface comprises an inner region of said adhesive surface, within said outer perimeter.

25. (New) The tire pressure sensor of claim 22, wherein the cure time of said first adhesive is less than about 10 seconds.

26. (New) The tire pressure sensor of claim 22, wherein the cure time of said second adhesive is less than about 12 hours.

27. (New) The tire pressure sensor of claim 22, further comprising a removable backing located on top of said adhesive surface, including said first adhesive and said second adhesive.